

Converting Colors

$Y_{xy}(14.6713, 0.3752, 0.5031)$

Have a look what the booklet for
Yxy(14.6713, 0.3752, 0.5031)
contains.

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Color

Yxy(14.7401, 0.3753, 0.5031)

Conversions

Conversions Part 1

Format	Color
Hex	5E731F
RGB	94, 115, 31
RGB Percent	37%, 45%, 12%
CMY	0.6313, 0.5490, 0.8784
CMYK	0.18, 0.00, 0.73, 0.55
HSL	75°, 58%, 29%
HSV	75°, 73%, 45%
XYZ	10.9957, 14.7401, 3.5627
YIQ	99.1450, 14.4480, -30.5760

Conversions

Conversions Part 2

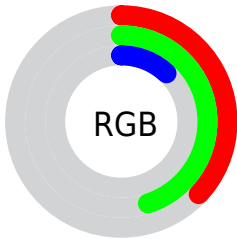
Format	Color
R_{YB}	31, 115, 52
Decimal	6189855
CIE _{Lab}	45.28, -20.49, 41.68
CIE _{LCh}	45, 46.444, 116.180
Yxy	14.7401, 0.3753, 0.5031
Android (android.graphics.Color)	4284379935 (0xFF5E731F)
YUV	99.1450, -33.5955, -4.5122
Hunter-Lab	38.3928, -16.0649, 21.3731

Details

The Yxy color **14.7401, 0.3753, 0.5031** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9484, 0.2043, 0.1205**, and the grayscale version is **12.6011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4346, 0.3657, 0.4606**, and **4.5722, 0.3686, 0.5455** is the 20% darker color. If you saturate the color by 10%, you get **14.5415, 0.3778, 0.5191**, and if you desaturate by 10%, it is **14.9674, 0.3706, 0.4833**.

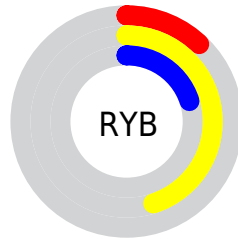
Distribution



Red (37%)

Green (45%)

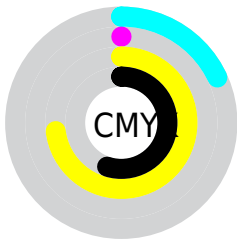
Blue (12%)



Red (12%)

Yellow (45%)

Blue (20%)

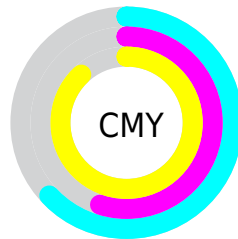


Cyan (18%)

Magenta (0%)

Yellow (73%)

Black (55%)



Cyan (63%)


Magenta (55%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.7401, 0.3753, 0.5031 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 14.7401, 0.3753, 0.5031 by changing the saturation by 10% instead.


 14.7401, 0.3753,
0.5031


 14.7401, 0.3753,
0.5031


 221.7877, 0.3442,
0.3985


 8.6372, 0.3795,
0.5346


 34.3966, 0.3654,
0.4606


 4.5053, 0.3901,
0.5924

 48.7190, 0.3611,
0.4460


 1.9600, 0.3669,
0.6331

 66.5499, 0.3572,
0.4342

 0.5841, 0.0860,
0.9140

 88.2739, 0.3539,
0.4245

 0.0000, 0.0000,
0.0000

 114.2753, 0.3510,
0.4163

 144.9384, 0.3484,

0.4095

180.6478, 0.3462,
0.4036

14.7401, 0.3753,
0.5031

14.7401, 0.3753,
0.5031

14.5415, 0.3778,
0.5191

14.9674, 0.3706,
0.4833

14.3667, 0.3779,
0.5310

15.2234, 0.3639,
0.4607

14.2524, 0.3775,
0.5384

15.5109, 0.3557,
0.4361

15.8313, 0.3463,
0.4105

16.1864, 0.3363,
0.3849

■ 16.5775, 0.3260,
0.3599

■ 17.0061, 0.3158,
0.3360

■ 17.4734, 0.3058,
0.3135

■ 17.9806, 0.2962,
0.2927

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.7401, 0.4521, 0.4594



14.7401, 0.3753, 0.5031



14.7401, 0.2871, 0.4852

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.7401, 0.3753, 0.5031



14.7401, 0.1562, 0.2238



14.7401, 0.4137, 0.2680

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.7401, 0.3753, 0.5031



2.9484, 0.2043, 0.1205

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.7401, 0.3158, 0.2207



14.7401, 0.3753, 0.5031



14.7401, 0.1778, 0.1938

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.7401, 0.3753, 0.5031



14.7401, 0.1660, 0.2923



14.7401, 0.2313, 0.1945



14.7401, 0.4844, 0.3284

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.7401, 0.3753, 0.5031



14.7401, 0.2334, 0.4306



14.7401, 0.2313, 0.1945



14.7401, 0.3818, 0.2504

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.7408, 0.3753, 0.5031



29.0161, 0.3359, 0.3837



6.0775, 0.5116, 0.3664



6.8894, 0.3380, 0.3890



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7408, 0.3753, 0.5031



25.8085, 0.3781, 0.5282



13.1281, 0.3223, 0.5378



4.2224, 0.3219, 0.3502



16.2838, 0.3773, 0.5387



78.9338, 0.3750, 0.5405

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2.9484, 0.2043, 0.1205



3.3580, 0.1791, 0.0844



4.5250, 0.2755, 0.1547



3.6300, 0.3030, 0.3073



1.6998, 0.1673, 0.0695



7.9338, 0.1631, 0.0672

Previews

White Background



This preview shows how the Yxy color 14.7401, 0.3753, 0.5031 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 14.7401, 0.3753, 0.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

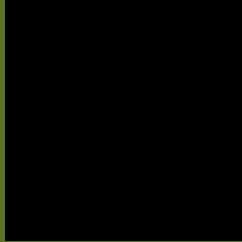
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.7401, 0.3753, 0.5031

Background



This preview shows how black text looks on a background with the Yxy color 14.7401, 0.3753, 0.5031.



This preview shows how white text looks on a background with the Yxy color 14.7401, 0.3753, 0.5031.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.7401, 0.3753, 0.5031

Protanopia

14.5972, 0.4252, 0.4693

Deuteranopia

14.6984, 0.4472, 0.4411



Tritanopia

14.6599, 0.2962, 0.3101

Trichromacy



Original Color

14.7401, 0.3753, 0.5031

Protanomaly

14.6251, 0.4069, 0.4812

Deuteranomaly

14.5528, 0.4198, 0.4644

Tritanomaly

14.5171, 0.3306, 0.3848

Monochromacy



Original Color

14.7401, 0.3753, 0.5031

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.1389, 0.3422, 0.4008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7401, 0.3753, 0.5031 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 115, 31)` looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 31)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 115, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 31) }
```

Border

The CSS property to change the border of an element to Yxy 14.7401, 0.3753, 0.5031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 115, 31) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(94, 115, 31) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(94, 115, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 115, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 115, 31);  
box-shadow:4px 4px 4px 4px rgb(94, 115,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7401, 0.3753, 0.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 31) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 115,  
31) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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